

*F*ORTHCOMING PUBLICATIONS

Volume 81, (2007)

Astrophysics, Atmospheric & Space Physics

Unusual behavior of D-region ionization time at 18.2kHz during seismically active days

S CHAKRABARTI, S SASMAL, M SAHA, R KHAN, D BHOUMIK AND
S K CHAKRABARTI

A two-dimensional model study of latitudinal, seasonal and solar activity variation in transition height in the D-region

K DURGA PRASAD, T S N SOMAYAJI, P APPALA NAIDU,
D N MADHUSUDHANA RAO, T ARUNAMANI AND M INDIRA DEVI

Condensed Matter & Materials Physics

Studies on solid polymer electrolyte based on PEO/PVC blends

S RAJENDRAN, RAVISHANKER BABU AND K KANIMOZHI

Growth and characterization of Cu_3N films deposited by dc magnetron sputtering

A U UBALE, R B MANKAR, A S DARYAPUKAR, R R RAUT AND
V S SANGAWAR

Effect of copper interlayer on thermally deposited polycrystalline Ge-thin film transistors fabricated on glass substrates

P GOGOI, K KONWAR AND B BAISHYA

General & Interdisciplinary

Equations of state and thermoelastic properties of the Earth's lower mantle

PREETI BHADAURIYA

[Cont'd. on next page]

Particle Physics

The dual gluon propagator and confinement potential in SU (2) QCD

HEMWATI NANDAN

The effect of both Z and Z' - mediated flavor-changing neutral currents on $B_s \rightarrow \mu^+ \mu^-$ decay

S SAHOO, L MAHARANA AND B R BEHERA

Deep inelastic neutrino scattering and fractal models of nucleon Structure functions at small x

D K CHOUDHURY AND RUPJYOTI GOGOI

Notes

Superposition model analysis for the zero-field splitting of Mn^{2+} in $La_2Co_3(NO_3)_{12} \cdot 24H_2O$

MANU JAIN

The study of interplay of charge density wave and spin density wave in cuprates systems

S K PANDA AND G C ROUT